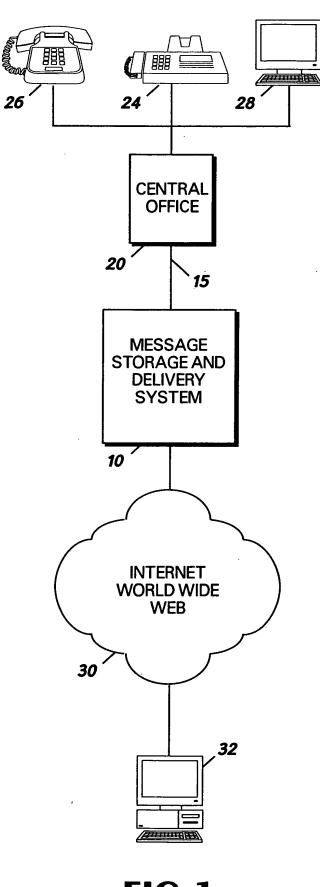
Inventors: Charles R. Bobo, II Scrial No. 09/186,595 Filed: November 5, 1998 Title: Systems and Methods for Storing, Delivering, and Managing Messages

Messages Attorney Docket: 10172/184506 Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 1 of 18

6350066

TELEPHONE CALL INITIATED



40 **ADDRESS SIGNAL DELIVERED** 42 **CALL ROUTED** WITHIN MSDS 44 **CALL ANSWERED** AND ADDRESS SIGNAL RECEIVED **CALLIS ESTABLISHED** 48 **MESSAGE RECEIVED BY MSDS** *50* **MESSAGE IS STORED** *52* **DATABASE IS UPDATED** 54 **CUSTOMER IS NOTIFIED** 56 **MESSAGE IS CONVERT-**ED TO HTML BASED ON **USER PREFERENCES** 58 FIG 2

FIG 1

Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 2 of 18 INTENDED RECIPIENT CONNECTS TO INTERNET 60 INTENDED RECIPIENT **ACCESSES MAILBOX** *62* **HTTPD RECEIVES URL REQUEST** 64 **HTTPD REQUESTS USER AUTHENTICATION** 66 **ID AND PASSWORD SUPPLIED** 68 DOES ID AND PASSWORD NO **SEND AUTHENTICATION** MATCH FOR REQUESTED **FAILURE MESSAGE** MAILBOX? 70 74 YES **ACCESS PROVIDED** *72* **RECEIVE INFORMATION** REQUEST 76 FIG 3 DOES. REQUESTED **INFORMATION** YES NO SEND INFORMATION TO GENERATÉ INFORMATION **USER'S COMPUTER BASED ON PREFERENCE** 80 *82*

Inventors. Charles & 2000, ... Serial No. 09/186,595 Filed: November 5, 1998

Messages Attorney Docket: 10172/184506

tle: Systems and Methods for Storing, Delivering, and Managing

Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 3 of 18 SECOND OPTION IS IS NO NO NO THIRD OPTION FIRST OPTION SELECTED? SELECTED? SELECTED? YES **YES** 100 YES 114 106 **GENERATE TEXTUAL EXTRACT FIRST EXTRACT FIRST** LISTING OF FAXES **PAGE FROM PAGE FROM AND REFERENCE FAX FILE FAX FILE** TO FAX FILES 102 108 116 **CONVERT FIRST CREATE REDUCED** PAGE TO FULL SIZE SIZE HTML IMAGE **HTML IMAGE** OF FIRST PAGE 110 118 GENERATE LISTING **GENERATE LISTING** WITH EMBEDDED WITH EMBEDDED FIRST PAGE **FIRST PAGE** THUMBNAIL LINK TO LINK TO FAX FILE **FAX FILE** 112 120 **MOVE FILE TO** FIG 4A INTERNET SERVER 104

Inventors: Charles R. Bobo, II Serial No. 09/186,595 Filed: November 5, 1998

Attorney Docket: 10172/184506

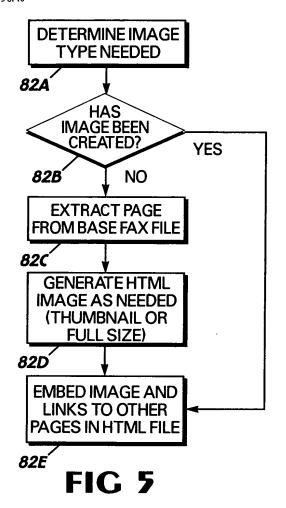
Title: Systems and Methods for Storing, Delivering, and Managing

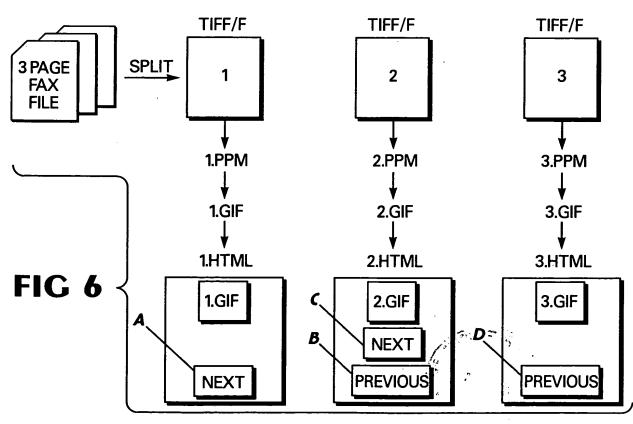
Title: Systems and Methods for Storing, Delivering, and Managing Messages messages Attorney Docket: 10172/184506 Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 4 of 18 IS IS FIFTH OPTION **FOURTH OPTION -**(B) SELECTED? SELECTED NO NO 122 **YES YES EXTRACT** EXTRACT FIRST FIRST PAGE **PAGE** 124 146 **EXTRACT EXTRACT NEXT PAGE NEXT PAGE** 142 154 **CREATE CREATE FULL REDUCED SIZE** SIZE HTML **HTML IMAGE IMAGE** OF PAGE OF PAGE 126 148 **GENERATE CREATE FULL** LISTING WITH SIZE HTML **EMBEDDED IMAGE IMAGE AND** OF PAGE LINKS TO PREVI-OUS AND NEXT PAGES 128 150 **GENERATE** LISTING WITH **EMBEDDED LAST IMAGE** PAGE? THUMBNAIL NO WITH LINK TO FULL SIZE IMAGE 152 **YES** 130 **LAST** PAGE? NO 140 104 **YES MOVE FILE TO** INTERNET **SERVER** FIG 4B

Inventors: Charles R. Bobo, II Serial No. 09/186,595 Filed: November 5, 1998 Inventors: Charles R. Bobo, II Serial No. 09/186,595 Filed: November 5, 1998

Title: Systems and Methods for Storing, Delivering, and Managing

Messages Attorney Docket: 10172/184506 Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 5 of 18





Inventors: Charles R. Bobo, II Serial No. 09/186,595 ; iled: November 5, 1998 ; itle: Systems and Methods for Storing, Delivering, and Managing

Messages Attorney Docket: 10172/184506 Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 6 of 18

Fax from (404)249-6801

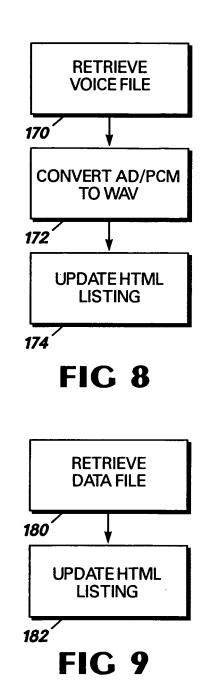
Received on May 31, 1995 at 1:58 PM Page 1 of 3

NetOffice, Inc.

From: Charles R. Bobo, II.

Pages: 3

Date: May 31, 1995



Next Page

Return to Fax Listing

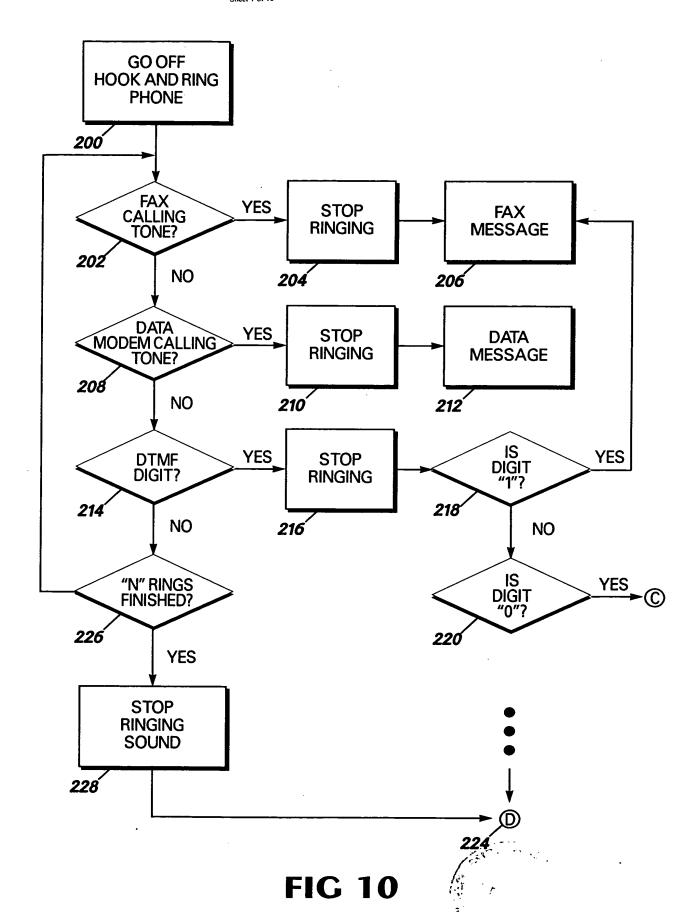
This page was automatically generated by FaxWeb(tm) On May 31, 1995 at 2:05pm. ©1995 NetOffice, inc.

NetOffice, inc.
PO Box 7115
Atlanta, GA 30357
info@netoffice.com

FIG 7

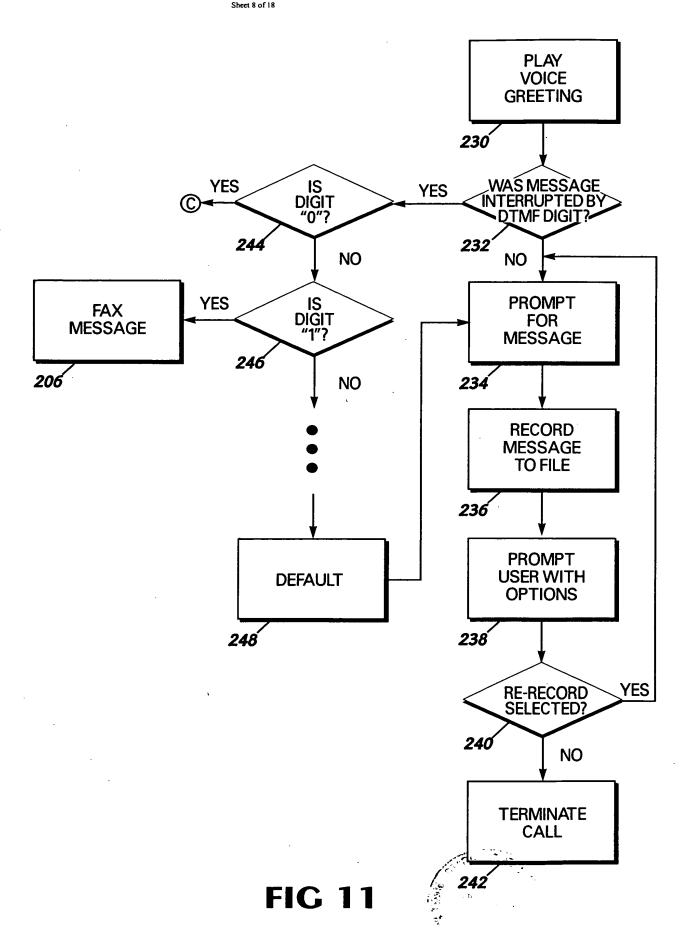
Inventors: Charles R. Bobo, II
Serial No. 09/186,595
Filed: November 5, 1998
itle: Systems and Methods for Storing, Delivering, and Managing
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Messages
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Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530
Sheet 7 of 18



Inventors: Charles R. Bobo, II Serial No. 09/186,595 Filed: November 5, 1998 Title: Systems and Methods for Storing, Delivering, and Managing

Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530
Sheet 8 of 18



Title: Systems and Methods for Storing, Delivering, and Managing Messages Messages Attorney Docket: 10172/184506 Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 9 of 18 PROMPT FOR **PASSWORD** 250 **GET PASSWORD** NO **PASSWORD** ·IŚ PASSWORD CORRECT2 INCORRECT NO 282 254 YES ∠MÓRE THAN "N" **PLAY** ATTEMPTS? **TERMINATE ANNOUNCEMENTS CALL** 256 280 YES 278 **BEGIN MAILBOX OWNER'S MENU PLAY FAILURE** NO **MESSAGE** 258 MORE **YES** NO *284* DTMF THAN "N" REPLAYS DIGIT? OF MENU? **TERMINATE** 260 262 YES **CALL** YES **PLAY** IS DIGIT 286 **MESSAGES** 266 264 NO YES **OPTIONS** IS DIGIT **MENU** 268 270 NO **RETURN TO YES** PREVIOUS MENU OR EXIT IF NO IS DIGIT PREVIOUS MENU NO 274 **INVALID KEY** 276

Inventors: Charles R. Bobo, II Serial No. 09/186,595 Filed: November 5, 1998 Inventors: Charles R. Bobo, II Serial No. 09/186,595 Filed: November 5, 1998 Title: Systems and Methods for Storing, Delivering, and Managing Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530
Sheet 10 of 18

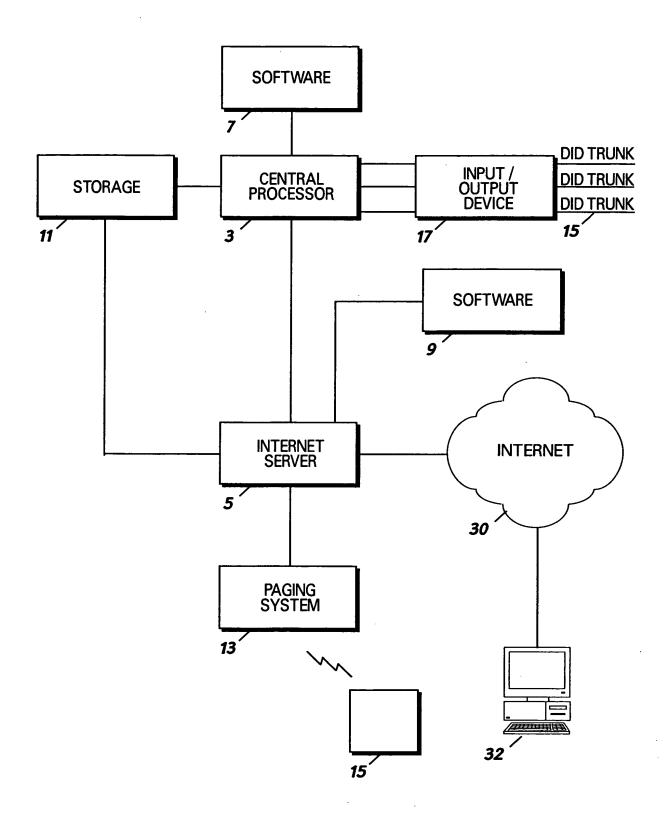


FIG 13

Inventors: Charles R. Bobo, II
Serial No. 09/186,595
Filed: November 5, 1998
Title: Systems and Methods for Storing, Delivering, and Managing
Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530

Sheet 11 of 18

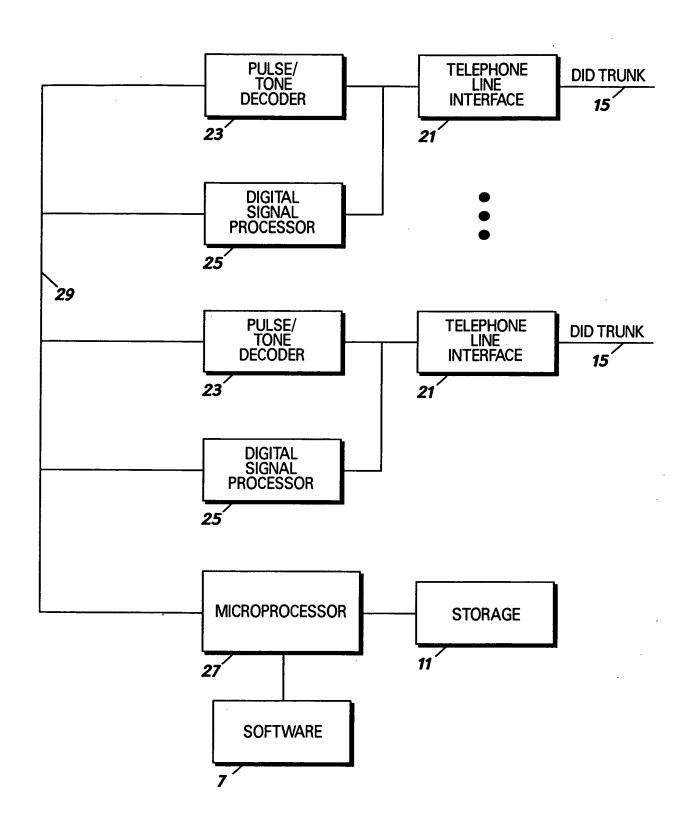
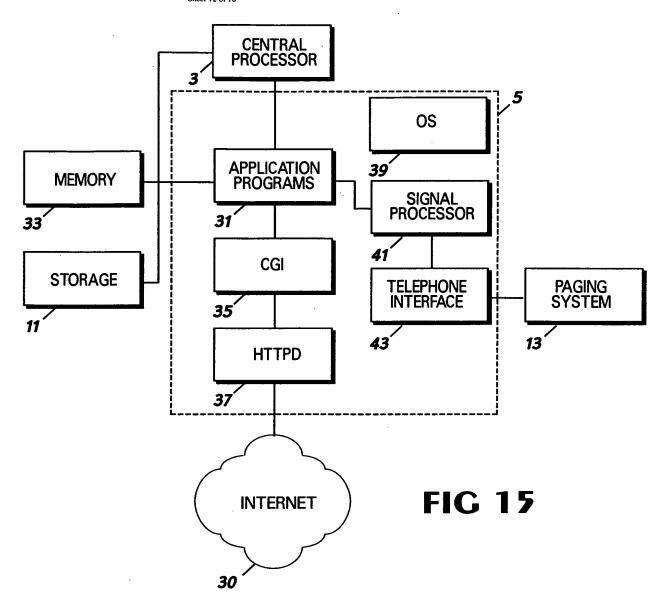


FIG 14

Inventors: Charles R. Bobo, II Serial No. 09/186,595 ed: November 5, 1998 Systems and Methods for Storing, Delivering, and Managing Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530

Sheet 12 of 18



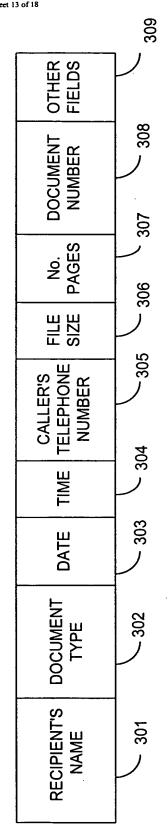
INDIVIDUAL APPLICATION PROGRAMS
COMMON GATEWAY INTERFACE (CGI)
HTTPD
INTERNET DEAMON (INETD)
OPERATING SYSTEM (OS)
TCP/IP

	PREFORMAL LED HTML FILE
	HTTPD
	INETD
	OS
	TCP/IP

FIG 16A

FIG 16B

Inventors: Charles R. Bobo, II
Serial No. 09/186,595
Filed: November 5, 1998
fille: Systems and Methods for Storing, Delivering, and Managing
Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404,815.6530
Sheet 13 of 18



300

FIG. 17

Inventors: Charles R. Bobo, II
Serial No. 09/186,595
Filed: November 5, 1998
Tille: Systems and Methods for Storing, Delivering, and Managing Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530
Sheet 14 of 18

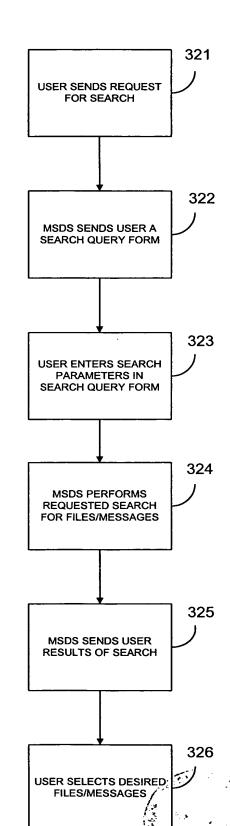


FIG. 18

320

Inventors: Charles R. Bobo, II
Serial No. 09/186,595
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Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530
Sheet 15 of 18

SEARCH QUERY		
	<u>+</u>	
RECIPIENT'S NAME:		
DOCUMENT TYPE:	<u>+</u>	
DATE:		
TIME:		
CALLING NO.:		
FILE SIZE:		
NO. PAGES:		
DOCUMENT NO.:		
OTHER FIELD:	<u>+</u>	
SEARCH	RECENT FILES	
STORED SEARCH GROUP	<u>HELP</u>	

Inventors: Charles R. Bobo, II
Serial No. 09/186,595
Filed: November 5, 1998
Title: Systems and Methods for Storing, Delivering, and Managing Messages
Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404,815,6530
Sheet 16 of 18

SEARCH QUERY		
RECIPIENT'S NAME:	<u> </u>	
DOCUMENT TYPE:	FACSIMILE <u>\(\psi\)</u>	
DATE:		
TIME:		
CALLING NO.:	(404) 249-6801	
FILE SIZE:		
NO. PAGES:		
DOCUMENT NO.:		
OTHER FIELD:	<u>+</u>	
SEARCH	RECENT FILES	
STORED SEARCHE	ES HELP	
[•	

Inventors: Charles R. Bobo, II Serial No. 09/186,595 filed: November 5, 1998

le: Systems and Methods for Storing, Delivering, and Managing

Attorney Docket: 10172/184506 Attorney: Geoff L. Sutcliffe Phone: 404.815.6530 Sheet 17 of 18

SEARCH RESULTS

- 1. Document No. 11: Facsimile from (404) 249-6801 to Jane Doe on May 31, 1995, 3 Pages
- 2. Document No. 243: Facsimile from (404) 249-6801 to Jane Doe on July 16, 1995, 21 Pages
- 3. Document No. 1002: Facsimile from (404) 249-6801 to Jane Doe on January 1, 1996, 10 Pages

SAVE SEARCH AS: CHARLES R. BOBO FACSIMILES

HELP

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Attorney Docket: 10172/184506
Attorney: Geoff L. Sutcliffe
Phone: 404.815.6530

Sheet 18 of 18

STORED SEARCHES

- 1. CHARLES R. BOBO FACSIMILES
- 2. CHARLES R. BOBO VOICE MESSAGES
- 3. DATA TRANSFERS FROM 01-01-96 TO 6-01-96 TO **JANE DOE**

HELP